

Curriculum Vitae
Carolyn J. Cupp, M.S., D.V.M.

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Education:

William Jewell College	BA	1976	Biology
University of Wisconsin	MS	1979	Pathology
University of Missouri	DVM	1985	Veterinary Medicine

Professional Experience:

Research Scientist, 1998-present, Nestle Purina Product Technology Center; responsible for development of innovative nutritional concepts for implementation in pet food products.

Senior Veterinarian, 1990-1998, Nestle Purina Product Technology Center; responsible for health care of research colony.

Small Animal Veterinarian, 1985-1990, Liberty Animal Hospital, Liberty, Missouri; responsible for health care of client-owned pets.

Member - American Veterinary Medical Association, Missouri Veterinary Medical Association, American Veterinary Dental Society, International Association of Dental Research

Areas of Research:

Canine and feline dental health
Feline aging and longevity
Feline tooth resorption

Publications:

Effect of nutritional interventions on longevity of senior cats. Cupp CJ, Jean-Philippe C, Kerr WK, Patil AR, Perez-Camargo G. Journal of Applied Research in Veterinary Medicine. In press.

Regulation of Cementoblast Gene Expression by Inorganic Phosphate, in vitro. Foster BL, Nociti FH, Swanson EC, Matsa-Dunn D, Berry JE, Cupp CJ, Zhang P, Somerman MJ. Calcified Tissue International. In press.

Vitamin D status in cats with and without feline odontoclastic resorptive lesions. Zhang P, Cupp CJ, Kerr WK. Nestle Purina Forum, November 3-5, 2005.

Inorganic Phosphate: A Signaling Molecule for Controlling Cementoblast Behavior in vitro. Foster BL, Nociti FH, Swanson EC, Matsa-Dunn D, Berry JE, Cupp CJ, Zhang P, Rutherford RB, and Somerman MJ. 8th International Conference on the Chemistry and Biology of Mineralized Tissues Banff Centre, Alberta, Canada. October 17-22, 2004.

Fatty acid concentrations in plasma lipid fractions that differ between cats with low versus normal fat digestibility. Cupp CJ, Patil AR, Perez-Camargo G and Young L, Nestle Purina Forum, October 2004.

Effect of breed and size of dog on body composition. Cupp CJ, Czarnecki G, ASAS, July 2004.

Inorganic Phosphate: A signaling molecule for controlling cementoblast behavior, in vitro. Foster BL, Nociti FH, Swanson EC, Matsa-Dunn D, Berry JE, Cupp CJ, Zhang P, Rutherford RB, and Somerman MJ. ICCBMT, April 2004.

Body composition changes in aging cats. Perez-Camargo G, Patil AR, Cupp CJ. *Compend Contin Educ Pract Vet Suppl* 2004;26(Suppl 2A):71.

Long-term food consumption and body weight changes in a controlled population of geriatric cats. Cupp C, Perez-Camargo G, Patil A, Kerr W. *Compend Contin Educ Pract Vet Suppl* 2004;26(Suppl 2A):60.

Incidence of impaired nutrient digestibility in aging cats. Patil A, Cupp C, Perez-Camargo G. *Compend Contin Educ Pract Vet Suppl* 2004;26(Suppl 2A):72.

Quantification of Dityrosine, 3-Nitrotyrosine and o-Tyrosine in Cat Urine Samples by LC-ESIMS/MS using Isotope Dilution. Marvin LF, Delatour T, Tavazzi I, Fay LB, Cupp CJ, Guy PA. *Anal. Chem.* 2003.

The effect of beefhide strips on digestibility and dental calculus in dogs. Cupp CJ, Czarnecki-Maulden GL. *Joint Nutrition Symposium*, September 2002.

Long-term consumption of an acidifying diet affects acid-base status and bone density in cats. Czarnecki-Maulden GL, Chausow DG, Cupp CJ. *Joint Nutrition Symposium*, September 2002.

Feline osteoclastic lesions – a study of potentially mitigating factors. Foster BL, Fribley A, Somerman MJ and Cupp CJ. Abstract presented at International Association of Dental Research/American Association for Dental Research/Canadian Association for Dental Research annual meeting, San Diego, March 2002.

Diet: A Positive Benefit in Feline Dental Health Programs? Kulker C. and Cupp CJ, *British Veterinary Dental Association Symposium*, 2001.

Reduction of plaque and calculus buildup in cats fed a specially formulated dry cat food. Cupp CJ, *Veterinary International*, 11(2):25-30, 1999.

Body and organ weights in relation to age and sex in *Macaca mulatta*. Cupp CJ, Uemura E. *J Med Primatol.* 1981;10(2-3):110-23.

Age-related changes in prefrontal cortex of *Macaca mulatta*: quantitative analysis of dendritic branching patterns. Cupp CJ, Uemura E. *Exp Neurol.* 1980 Jul;69(1):143-63.

Strongyloidiasis in an infant orangutan (*Pongo pygmaeus*). Uemura E, Houser WD, Cupp CJ. *J Med Primatol.* 1979;8(5):282-8.

Menetrier's disease in a rhesus monkey (*Macaca mulatta*). Uemura E, Houser WD, Cupp CJ. *J Med Primatol.* 1979;8(4):252-6.